



PATENT APPLICATION  
File No: 93-14D4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Cindy A. Sprecher, Walt Kisiel, Donald C. Foster  
Serial No. : 10/680,684  
Group Art Unit : Not Assigned  
Examiner : Not Assigned  
Filed : October 7, 2003  
For : NOVEL HUMAN KUNITZ-TYPE INHIBITORS AND METHODS  
RELATING THERETO

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

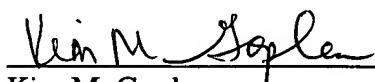
I hereby certify that the attached correspondence, comprising:

1. Information Disclosure Statement
2. PTO-1449 Form
5. Return Postcard

is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

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on October 23, 2003.

  
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Kim M. Goplen



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Date Submitted : October 23, 2003

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty imposed by 37 C.F.R. §1.56, and in accordance with 37 C.F.R. §§1.97 *et seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Consideration of each of the documents listed on the attached 1449 form(s) is respectfully requested.

The present application is a divisional of U.S. Patent Application No. 09/904,621, filed July 13, 2001; which is a continuation of U.S. Patent Application No. 09/265,627, filed March 9, 1999, which is a divisional of U.S. Patent Application No. 08/457,887, filed June 1, 1995, issued as U.S. Patent No. 5,914,315; which is a divisional of U.S. Patent Application No. 08/147,710, filed November 5, 1993, issued as U.S. Patent No. 5,455,338.

Pursuant to the provisions of M.P.E.P. §609 and in accordance with 37 C.F.R. §1.98(d), Applicants have not included copies of the documents listed on the 1449 forms that were previously cited by or submitted to the Patent Office in a prior application identified herein.

Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 26-0290.

The Examiner is invited to contact the Undersigned at the below-listed telephone number, if there are any questions concerning this paper.

Respectfully submitted,



Brian J. Walsh  
Registration No. 45,543  
(206) 442-6540



<b>FCRM PTO 1449</b> <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>					File No. 93-14D4	Serial No. 10/680,684
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)					Applicant(s): Cindy A. Sprecher, Walt Kisiel, Donald C. Foster	
					Filing Date: October 7, 2003	Group: Not Assigned

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	4,736,018	04/05/88	Reutelingsperger	530	381	
	A2	5,011,912	4/30/91	Hopp et al.	530	387	
	A3	5,106,833	04/21/92	Broze, Jr. et al.	514	12	
	A4	5,276,015	01/04/94	Khouri et al.	514	12	
	A5	5,312,736	05/17/94	Rasmussen et al.	435	69	

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A6	318451	05/31/89	EPO			
	A7	93/14121	07/22/93	PCT			
	A8	93/14122	07/22/93	PCT			

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

	A9	Butzow et al., <u>Biochem. Biophys. Res. Comm.</u> 150: 483-490, 1988.
	A10	Butzow et al., <u>J. Lab. Clin. Med.</u> 111: 249-256, 1988.
	A11	Sprecher et al., <u>Proc. Natl. Acad. Sci. USA</u> 91: 3353-3357, 1994.
	A12	Kisiel, <u>Blood</u> 84: 4384-4385, 1994.
	A13	Miyagi et al., <u>J. Biochem.</u> 116: 939-942, 1994.
	A14	Norris et al., <u>Biol. Chem. Hoppe-Seyler</u> 371: 37-42, 1990.
	A15	Enjyogi et al., <u>J. Biochem.</u> 111: 681-687, 1992.
	A16	Creighton & Charles, <u>J. Mol. Biol.</u> 194: 11-22, 1987.
	A17	Hamamoto et al., <u>J. Biol. Chem.</u> 268: 8704-8710, 1993.
	A18	Broze, Jr. et al., <u>Proc. Natl. Acad. Sci. USA</u> 84: 1886-1890, 1987.
	A19	Wesselschmidt et al., <u>Blood</u> 79: 2004-2010, 1992.
	A20	Girard et al., <u>Science</u> 248: 1421-1424, 1990.

Examiner	Date considered
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**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OCT 27 2003  
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Sheet 2 of 3

FORM PTO 1449 (REV 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	File No. 93-14D4	Serial No. 10/680,684
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		Applicant(s): Cindy A. Sprecher, Walt Kisiel, Donald C. Foster	
		Filing Date: October 7, 2003	Group: Not Assigned

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### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

	A21	Warn-Cramer et al., <u>Circulation</u> 74: Abstract 1630, 1986.
	A22	Girard et al., <u>Nature</u> 338: 518-520, 1989.
	A23	Neuenschwander & Morrissey, <u>J. Biol. Chem.</u> 267: 14477-14482, 1992.
	A24	Warn-Cramer et al., <u>Thrombosis &amp; Haemostasis</u> 60: 453-456,
	A25	Broze, Jr. & Miletich, <u>Blood</u> 69: 150-155, 1987.
	A26	Adams et al., <u>Nature</u> 355: 632-634, 1992.
	A27	Broze, Jr. et al., <u>Blood</u> 71: 335-343, 1988.
	A28	Pedersen et al., <u>J. Biol. Chem.</u> 265: 16786-16793, 1990.
	A29	Sanders et al., <u>Blood</u> 66: 204-212, 1985.
	A30	Wesselschmidt et al., <u>Nucl. Acids Res.</u> 18: EMBL Accession No. X54708, 1990.
	A31	Day et al., <u>Blood</u> 76: 1538-1545, 1990.
	A32	Wun et al., <u>J. Biol. Chem.</u> 263: 6001-6004, 1988.

Examiner	Date considered
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